

THE CAREER ACADEMY

AT ELLA T. GRASSO
TECHNICAL HIGH SCHOOL

 189 FORT HILL ROAD
GROTON, CT 06340



MECHANICAL DESIGN & ENGINEERING TECHNOLOGY (MDET)

Ella T. Grasso Technical High School, part of the Connecticut Technical Education and Career System, is offering a limited number of seats for grade 11 and 12 students to participate in a 2-year **Mechanical Design & Engineering Technology (MDET)** program. This program allows students to earn specialized training in a high-demand skilled-trade area. The technical skills acquired in this program will help make students employable.

SCHEDULE A CAREER ACADEMY TOUR *TODAY!*

Patricia Feeney, Principal
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or 860-448-0220.



PROGRAM INFORMATION

- Earn industry-recognized credentials & specialized training: *CareerSafe Interview Skills Training, Certified SOLIDWORKS Associate, OSHA-10 Certification - CFR - 1910*
- Convenient schedule
- Hands-on, interactive learning
- Round-trip transportation provided
- Required uniform

CAREER PATHWAYS

- Mechanical Drafter
- Technical Writer
- Industrial Engineering Technician
- Mechanical Engineering Technician
- Mechanical Designer/Engineer
- Manufacturing Engineer

COLLEGE PATHWAYS

- Manufacturing
- Mechanical Engineering

FREQUENTLY ASKED QUESTIONS

1. What is The Career Academy at Ella T. Grasso Technical High School?

The Career Academy at Ella T. Grasso Technical High School graduates students with career certificates and industry-recognized credentials. The program gives students a jump-start on their career by preparing them with technical and employability skills aligned with entry-level industry positions.

A limited number of seats are available for eligible grade 10 and 11 students to train in **MDET**, an in-demand career field.

2. What is MDET?

Mechanical engineering is an engineering branch that combines engineering physics and mathematics principles with materials science to design, analyze, manufacture, and maintain mechanical systems. It is one of the oldest and broadest of the engineering branches.

3. What certifications will program participants graduate with?

In addition to earning 2.5 Career Technical Education (CTE) credits towards a high school diploma, graduates of The Career Academy MDET program may earn: *CareerSafe Interview Skills Training*, *Certified SOLIDWORKS Associate*, *OSHA-10 Certification - CFR - 1910*.

4. Will I get a high school diploma from The Career Academy?

No. High school diplomas will be conferred by your sending high school. However, Career Academy participants will earn trade-area certifications upon successful completion of the program.

5. Who is eligible to attend?

The Career Academy MDET program is open to a limited number of students in grades 10 and 11 only.

6. Are there program fees?

No, there are no program fees. All tools and project materials will be provided.

7. Will transportation be provided?

Transportation to the program is provided by the sending school district to The Career Academy and back to the sending school district.

8. How do I apply for this program?

Applications can be picked up in your school counseling office or will be shared via email. Please complete the application in its entirety, have your parent/guardian sign, and return the application to your school counselor. Your counselor will complete the rest and submit it to the Career Academy. Applicants will be contacted by Grasso Tech once accepted to the program. Please note: sending school districts are responsible for selection of students into the program.

FOR MORE INFORMATION

Please contact Patricia Feeney, Principal at Patricia.Feeney@cttech.org or 860-448-0220